

2265  
030804

U.S.PTO

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

17302 U.S.PTO  
10/795065

030804

Our Docket No.: 34122/US

First Named Inventor: Lei He

Title: Ring Type Starter/Generator

Express Mail No.: EV325426075US

## ADDRESS TO:

**Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**APPLICATION ELEMENTS**

1.  Fee Calculation Sheet  
(Submit an original and a duplicate for fee processing)

2.  Applicant claims small entity status

3.  Specification Total Pages: 24

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Re: Fed. Sponsored R&D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings
- Detailed Description
- Claims
- Abstract of the Disclosure

4.  Drawings (35 U.S.C. 113) Total Sheets: 11

5.  Oath or Declaration Total Pages:

- a.  Newly Executed (original or copy)
- b.  Copy from a prior application (37 C.F.R. 1.63(d))  
(for continuation/divisional with Box 19 completed)
  - i.  **DELETION OF INVENTORS**  
Signed statement attached deleting inventor(s) named in the prior application (37 C.F.R. 1.63(d)(2) and 1.33(b))

6.  Application Data Sheet (37.C.F.R. 1.76)

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8.  Nucleotide and/or Amino Acid Sequence Submission (If applicable, all necessary)

- a.  Computer Readable Form (CRF)
- b.  Specification Sequence Listing on:
  - i.  CD-ROM or CD-R (2 copies); or
  - ii.  paper
- c.  Statement verifying identify of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Certification Under 35 U.S.C. 122(b)(2)(B)(i)

10.  Assignment Papers (cover sheet & document(s))  
37 C.F.R. 3.73(b) Submission

11.  Power of Attorney

12.  Information Disclosure Statement  
(with Copies of Citations as necessary)

13.  Preliminary Amendment Total Pages:

14.  Certified Copy of Priority document(s)  
(if foreign priority is claimed)

15.  English Translation Document (if applicable)

16.  Return Receipt Postcard  
(Should be specifically itemized)

17.  Other

- Check No. \_\_\_\_\_ for \$ \_\_\_\_\_
- Copy of Power of Attorney from prior application
- \_\_\_\_\_
- \_\_\_\_\_

18.  \_\_\_\_\_

**CONTINUATION APPLICATIONS**

19. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation

Division

Continuation-in-Part (CIP)

## of PRIOR APPLICATION

No. PCT/CN02/00623, filed September 6, 2002  
and also claims priority from  
01125696.6, dated September 8, 2001.

For CONTINUATION or DIVISIONAL APPLICATIONS: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference.

**CORRESPONDENCE ADDRESS**

|  |                 |  |   |                |
|--|-----------------|--|---|----------------|
| ADDRESS  | CUSTOMER NUMBER |  | DORSEY & WHITNEY LLP<br>Intellectual Property Department<br>Suite 1500<br>50 South Sixth Street<br>Minneapolis, MN 55402-1498 |                |
| TELEPHONE  | (612) 752-7367  |  | FAX   | (612) 340-8856 |
| Attorney Name: Min (Amy) S. Xu   |                 |  | Reg. No. 39,536   |                |
| Signature:  |                 |  | Date: March 8, 2004   |                |

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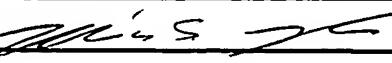
U.S.P.T.O.

**APPLICATION  
FEE TRANSMITTAL SHEET  
(FY 2004)**

| <i>Complete if Known</i> |          |
|--------------------------|----------|
| Application No.          | Unknown  |
| Filing Date              | Herewith |
| First Named Inventor     | Lie He   |
| Group Art Unit           | Unknown  |
| Examiner Name            | Unknown  |
| Atty. Docket Number      | 34122/US |

| <b>METHOD OF PAYMENT (Check One)</b>   |                  |  | <b>FEE CALCULATION (Continued)</b>  |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
|--|------------------|--|---|---------------------------------|--|------------------|------------------|-----------------|----------|----|------------------------|--|----|-----------------------------------|-----|--|--------------------------|-----|-----|---|----|----|---|--|--|-----|----|--|--|-----|-----|---|--|-----|-----|--|--|-------|-----|---|--|-------|-------|--|--|-----|-----|------------------------------|--|-----|-----|------------------|--|-----|-----|--|--|-----|-----|--------------------------|--|-----|----|-------------------------|--|-----|-----|-------------------------------|--|----|----|---|--|-------|-----|--|--|-----|-----|--|--|-----|-----|---|--|-----|-----|---|--|-----|-----|------------------------------------|--|-----|----|----------------------------------|--|-------|-----|------------------------------------|--|---------------------|--|--|--|--|--|--------------|--|--|--|------|--|--|--|--|--|---------------------------------|--|
| <p>1. <input type="checkbox"/> The Director is hereby authorized to charge indicated fees and credit any over payments to:<br/>           Deposit Account No.: <u>04-1420</u><br/>           Deposit Account Name: <u>DORSEY &amp; WHITNEY LLP</u></p> <p><input type="checkbox"/> Charge any additional fee required under 37 C.F.R. 1.16 and 1.17<br/> <input checked="" type="checkbox"/> Applicant claims small entity status (see 37 C.F.R. 1.27)</p> <p>2. <input type="checkbox"/> Check Enclosed</p>   |                  |  | <p style="text-align: center;"><b>3. ADDITIONAL FEES</b></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 15%;">Large Entity Fee</th> <th style="text-align: left; width: 15%;">Small Entity Fee</th> <th style="text-align: left; width: 70%;">Fee Description</th> <th style="text-align: right; width: 10%;">Fee paid</th> </tr> </thead> <tbody> <tr><td style="text-align: right;">50</td><td style="text-align: right;">25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td style="text-align: right;">130</td><td style="text-align: right;">65</td><td>Surcharge - Late nonprovisional filing fee or oath</td><td></td></tr> <tr><td style="text-align: right;">180</td><td style="text-align: right;">180</td><td>Submission of IDS</td><td></td></tr> <tr><td style="text-align: right;">40</td><td style="text-align: right;">40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td style="text-align: right;">110</td><td style="text-align: right;">55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td style="text-align: right;">420</td><td style="text-align: right;">210</td><td>Extension for reply within second month</td><td></td></tr> <tr><td style="text-align: right;">950</td><td style="text-align: right;">475</td><td>Extension for reply within third month</td><td></td></tr> <tr><td style="text-align: right;">1,480</td><td style="text-align: right;">740</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td style="text-align: right;">2,010</td><td style="text-align: right;">1,005</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td style="text-align: right;">770</td><td style="text-align: right;">385</td><td>Submission After Final 1.129</td><td></td></tr> <tr><td style="text-align: right;">330</td><td style="text-align: right;">165</td><td>Notice of Appeal</td><td></td></tr> <tr><td style="text-align: right;">330</td><td style="text-align: right;">165</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td style="text-align: right;">290</td><td style="text-align: right;">145</td><td>Request for oral hearing</td><td></td></tr> <tr><td style="text-align: right;">110</td><td style="text-align: right;">55</td><td>Terminal Disclaimer Fee</td><td></td></tr> <tr><td style="text-align: right;">130</td><td style="text-align: right;">130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td style="text-align: right;">50</td><td style="text-align: right;">50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td style="text-align: right;">1,330</td><td style="text-align: right;">665</td><td>Utility/Reissue Issue Fee (including advance copies)</td><td></td></tr> <tr><td style="text-align: right;">480</td><td style="text-align: right;">240</td><td>Design Issue Fee (inc. advance copies)</td><td></td></tr> <tr><td style="text-align: right;">770</td><td style="text-align: right;">385</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td style="text-align: right;">300</td><td style="text-align: right;">300</td><td>Publication fee for early, voluntary, or normal publication</td><td></td></tr> <tr><td style="text-align: right;">300</td><td style="text-align: right;">300</td><td>Publication fee for re-publication</td><td></td></tr> <tr><td style="text-align: right;">110</td><td style="text-align: right;">55</td><td>Petition to Revive - unavoidable</td><td></td></tr> <tr><td style="text-align: right;">1,330</td><td style="text-align: right;">665</td><td>Petition to Revive - unintentional</td><td></td></tr> <tr> <td colspan="4" style="text-align: center;">OTHER FEE (specify)</td> <td colspan="2"></td> </tr> <tr> <td colspan="4" style="text-align: center;">Subtotal (3)</td> <td colspan="2" style="text-align: right;">0.00</td> </tr> <tr> <td colspan="4"></td> <td colspan="2" style="text-align: right;">Total Amount of Payment: 385.00</td> </tr> </tbody> </table> |                                 |  | Large Entity Fee | Small Entity Fee | Fee Description | Fee paid | 50 | 25                     | Surcharge - late provisional filing fee or cover sheet |    | 130                               | 65  | Surcharge - Late nonprovisional filing fee or oath |                          | 180 | 180 | Submission of IDS                               |    | 40 | 40  | Recording each patent assignment per property (times number of properties) |  | 110 | 55 | Extension for reply within first month |  | 420 | 210 | Extension for reply within second month |  | 950 | 475 | Extension for reply within third month |  | 1,480 | 740 | Extension for reply within fourth month |  | 2,010 | 1,005 | Extension for reply within fifth month |  | 770 | 385 | Submission After Final 1.129 |  | 330 | 165 | Notice of Appeal |  | 330 | 165 | Filing a brief in support of an appeal |  | 290 | 145 | Request for oral hearing |  | 110 | 55 | Terminal Disclaimer Fee |  | 130 | 130 | Petitions to the Commissioner |  | 50 | 50 | Petitions related to provisional applications |  | 1,330 | 665 | Utility/Reissue Issue Fee (including advance copies) |  | 480 | 240 | Design Issue Fee (inc. advance copies) |  | 770 | 385 | Request for Continued Examination (RCE) |  | 300 | 300 | Publication fee for early, voluntary, or normal publication |  | 300 | 300 | Publication fee for re-publication |  | 110 | 55 | Petition to Revive - unavoidable |  | 1,330 | 665 | Petition to Revive - unintentional |  | OTHER FEE (specify) |  |  |  |  |  | Subtotal (3) |  |  |  | 0.00 |  |  |  |  |  | Total Amount of Payment: 385.00 |  |
| Large Entity Fee   | Small Entity Fee | Fee Description  | Fee paid  |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| 50   | 25               | Surcharge - late provisional filing fee or cover sheet                     |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| 130  | 65               | Surcharge - Late nonprovisional filing fee or oath                         |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| 180  | 180              | Submission of IDS  |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| 40   | 40               | Recording each patent assignment per property (times number of properties) |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| 110  | 55               | Extension for reply within first month                                     |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| 420  | 210              | Extension for reply within second month                                    |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| 950  | 475              | Extension for reply within third month                                     |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| 1,480  | 740              | Extension for reply within fourth month                                    |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| 2,010  | 1,005            | Extension for reply within fifth month                                     |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| 770  | 385              | Submission After Final 1.129   |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| 330  | 165              | Notice of Appeal   |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| 330  | 165              | Filing a brief in support of an appeal                                     |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| 290  | 145              | Request for oral hearing   |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| 110  | 55               | Terminal Disclaimer Fee  |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| 130  | 130              | Petitions to the Commissioner  |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| 50   | 50               | Petitions related to provisional applications                              |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| 1,330  | 665              | Utility/Reissue Issue Fee (including advance copies)                       |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| 480  | 240              | Design Issue Fee (inc. advance copies)                                     |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| 770  | 385              | Request for Continued Examination (RCE)                                    |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| 300  | 300              | Publication fee for early, voluntary, or normal publication                |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| 300  | 300              | Publication fee for re-publication   |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| 110  | 55               | Petition to Revive - unavoidable   |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| 1,330  | 665              | Petition to Revive - unintentional   |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| OTHER FEE (specify)  |                  |  |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| Subtotal (3)   |                  |  |   | 0.00                            |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
|  |                  |  |   | Total Amount of Payment: 385.00 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| *Calculation of Extra Claim Fees   |                  |  |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 15%;">Large Entity Fee</th> <th style="text-align: left; width: 15%;">Small Entity Fee</th> <th style="text-align: left; width: 70%;">Fee Description</th> </tr> </thead> <tbody> <tr><td style="text-align: right;">18</td><td style="text-align: right;">9</td><td>Claims in excess of 20</td></tr> <tr><td style="text-align: right;">86</td><td style="text-align: right;">43</td><td>Independent claims in excess of 3</td></tr> <tr><td style="text-align: right;">290</td><td style="text-align: right;">145</td><td>Multiple dependent Claim</td></tr> <tr><td style="text-align: right;">86</td><td style="text-align: right;">43</td><td>Reissue independent claims over original patent</td></tr> <tr><td style="text-align: right;">18</td><td style="text-align: right;">9</td><td>Reissue claims in excess of 20 and over original patent</td></tr> </tbody> </table> |                  |  |   |                                 |  | Large Entity Fee | Small Entity Fee | Fee Description | 18       | 9  | Claims in excess of 20 | 86   | 43 | Independent claims in excess of 3 | 290 | 145  | Multiple dependent Claim | 86  | 43  | Reissue independent claims over original patent | 18 | 9  | Reissue claims in excess of 20 and over original patent |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| Large Entity Fee   | Small Entity Fee | Fee Description  |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| 18   | 9                | Claims in excess of 20   |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| 86   | 43               | Independent claims in excess of 3  |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| 290  | 145              | Multiple dependent Claim   |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| 86   | 43               | Reissue independent claims over original patent                            |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |
| 18   | 9                | Reissue claims in excess of 20 and over original patent                    |   |                                 |  |                  |                  |                 |          |    |                        |  |    |                                   |     |  |                          |     |     |   |    |    |   |  |  |     |    |  |  |     |     |   |  |     |     |  |  |       |     |   |  |       |       |  |  |     |     |                              |  |     |     |                  |  |     |     |  |  |     |     |                          |  |     |    |                         |  |     |     |                               |  |    |    |   |  |       |     |  |  |     |     |  |  |     |     |   |  |     |     |   |  |     |     |                                    |  |     |    |                                  |  |       |     |                                    |  |                     |  |  |  |  |  |              |  |  |  |      |  |  |  |  |  |                                 |  |

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